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PATENT & TRADEMARK OFFICE

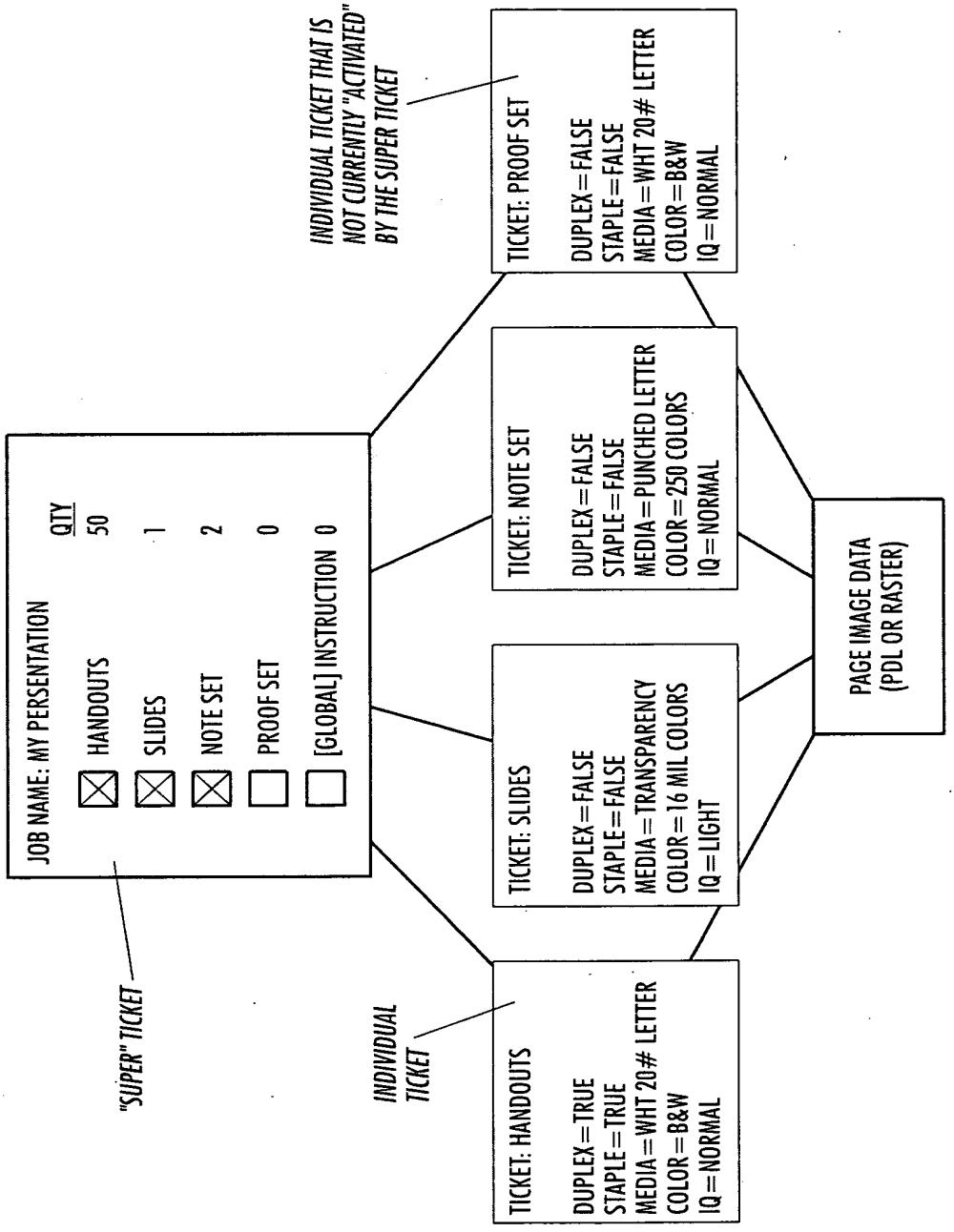

FIG. 1

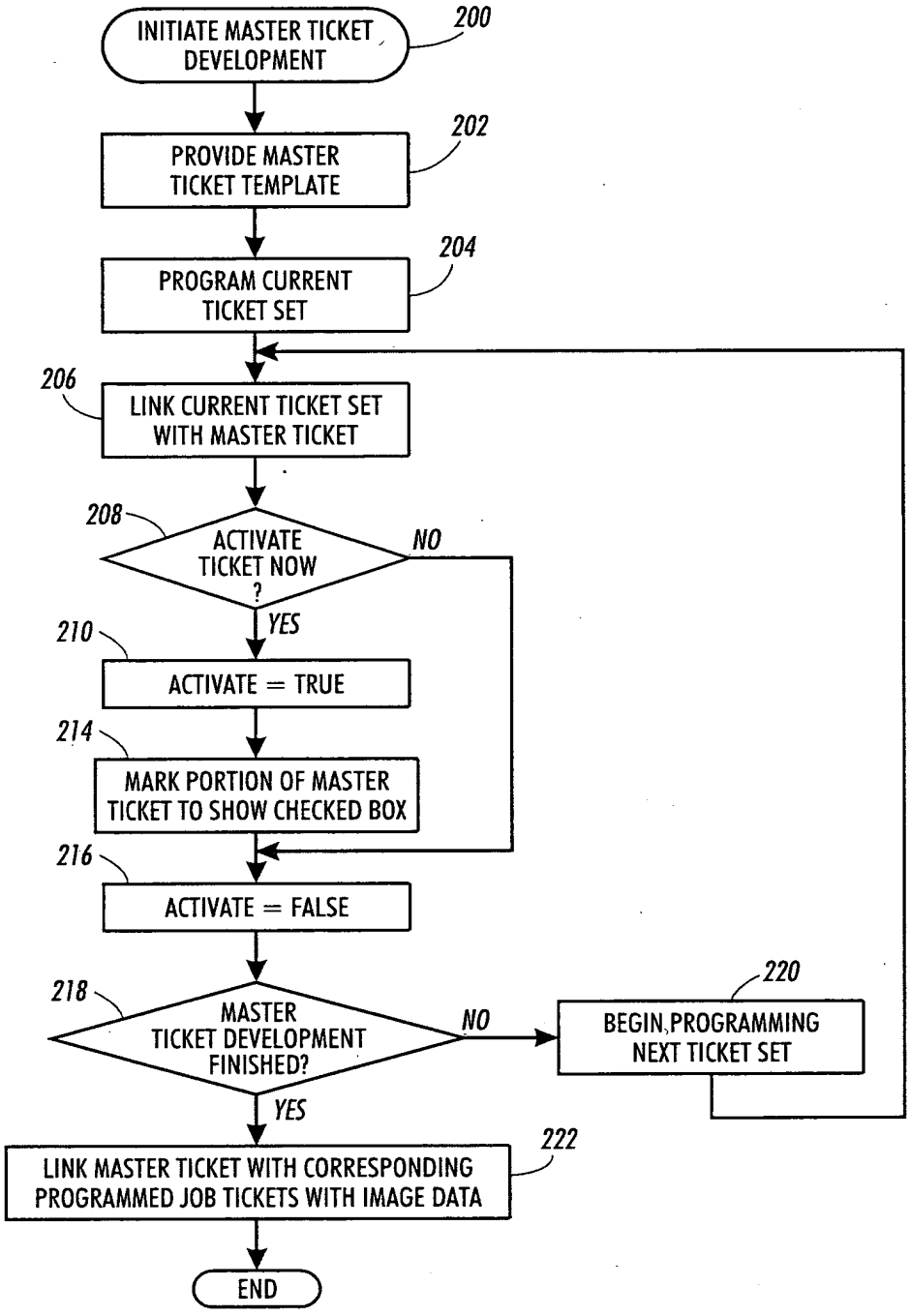
INITIATE MASTER TICKET DEVELOPMENT
200
PROVIDE MASTER TICKET TEMPLATE
202
PROGRAM CURRENT TICKET SET
204
206
LINK CURRENT TICKET SET WITH MASTER TICKET
208
ACTIVATE TICKET NOW ?
NO
YES
210
ACTIVATE = TRUE
214
MARK PORTION OF MASTER TICKET TO SHOW CHECKED BOX
216
ACTIVATE = FALSE
218
MASTER TICKET DEVELOPMENT FINISHED?
NO
220
BEGIN PROGRAMMING NEXT TICKET SET
YES
222
LINK MASTER TICKET WITH CORRESPONDING PROGRAMMED JOB TICKETS WITH IMAGE DATA
END

FIG. 2

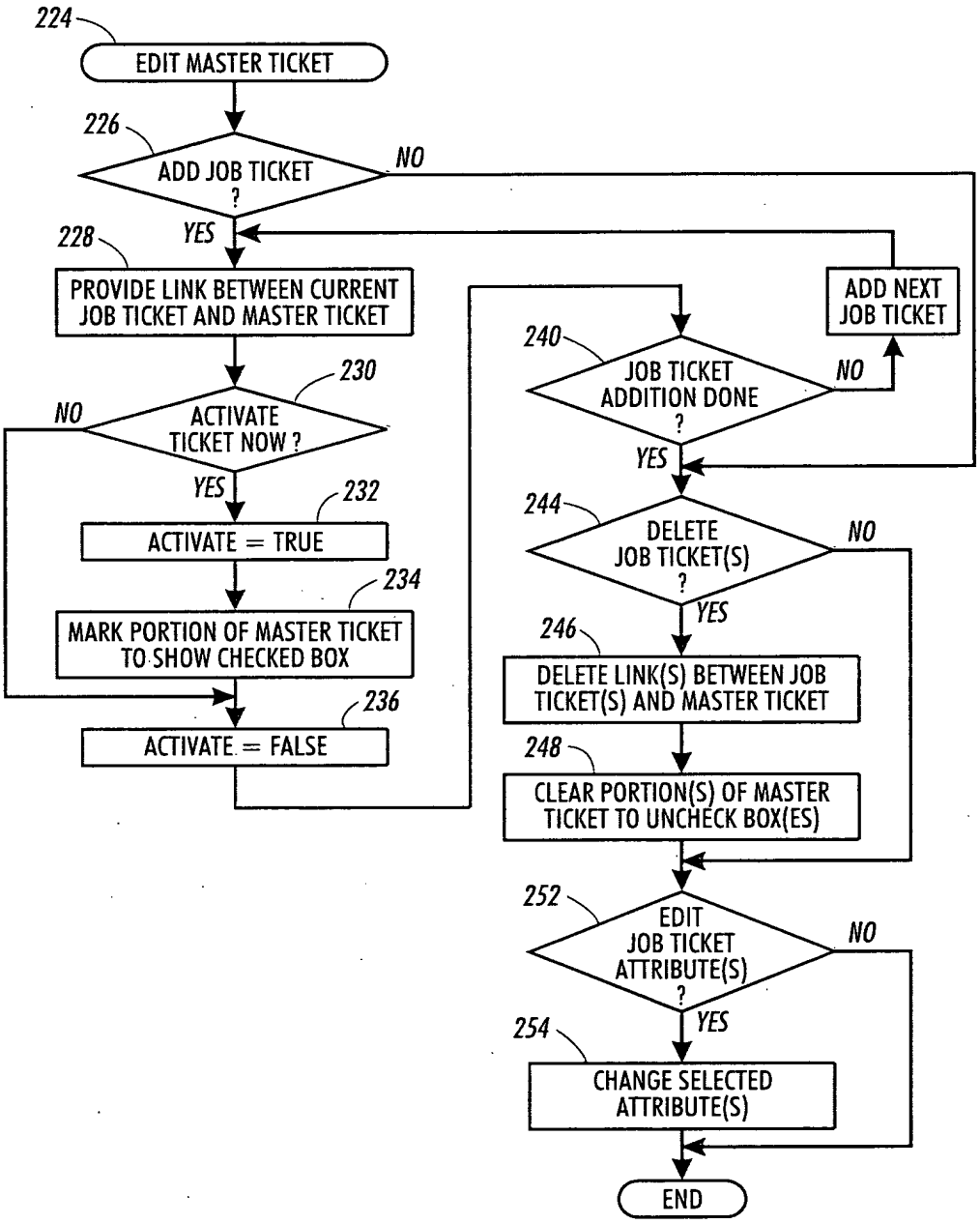
224
EDIT MASTER TICKET
226
ADD JOB TICKET ?
NO
YES
228
PROVIDE LINK BETWEEN CURRENT JOB TICKET AND MASTER TICKET
230
ACTIVATE TICKET NOW ?
NO
YES
232
ACTIVATE = TRUE
234
MARK PORTION OF MASTER TICKET TO SHOW CHECKED BOX
236
ACTIVATE = FALSE
ADD NEXT JOB TICKET
240
JOB TICKET ADDITION DONE ?
NO
YES
244
DELETE JOB TICKET(S) ?
NO
YES
246
DELETE LINK(S) BETWEEN JOB TICKET(S) AND MASTER TICKET
248
CLEAR PORTION(S) OF MASTER TICKET TO UNCHECK BOX(ES)
252
EDIT JOB TICKET ATTRIBUTE(S) ?
NO
YES
254
CHANGE SELECTED ATTRIBUTE(S)
END

FIG. 3

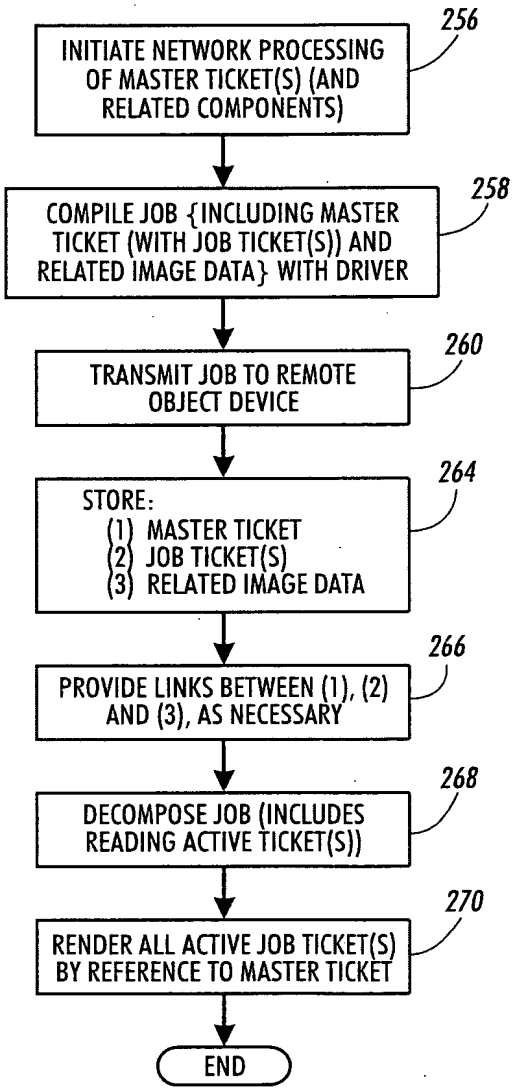
INITIATE NETWORK PROCESSING OF MASTER TICKET(S) (AND RELATED COMPONENTS)
256
COMPILE JOB {INCLUDING MASTER TICKET (WITH JOB TICKET(S)) AND RELATED IMAGE DATA} WITH DRIVER
258
TRANSMIT JOB TO REMOTE OBJECT DEVICE
260
STORE:
(1) MASTER TICKET
(2) JOB TICKET(S)
(3) RELATED IMAGE DATA
264
PROVIDE LINKS BETWEEN (1), (2) AND (3), AS NECESSARY
266
DECOMPOSE JOB (INCLUDES READING ACTIVE TICKET(S))
268
RENDER ALL ACTIVE JOB TICKET(S) BY REFERENCE TO MASTER TICKET
270
END

FIG. 4

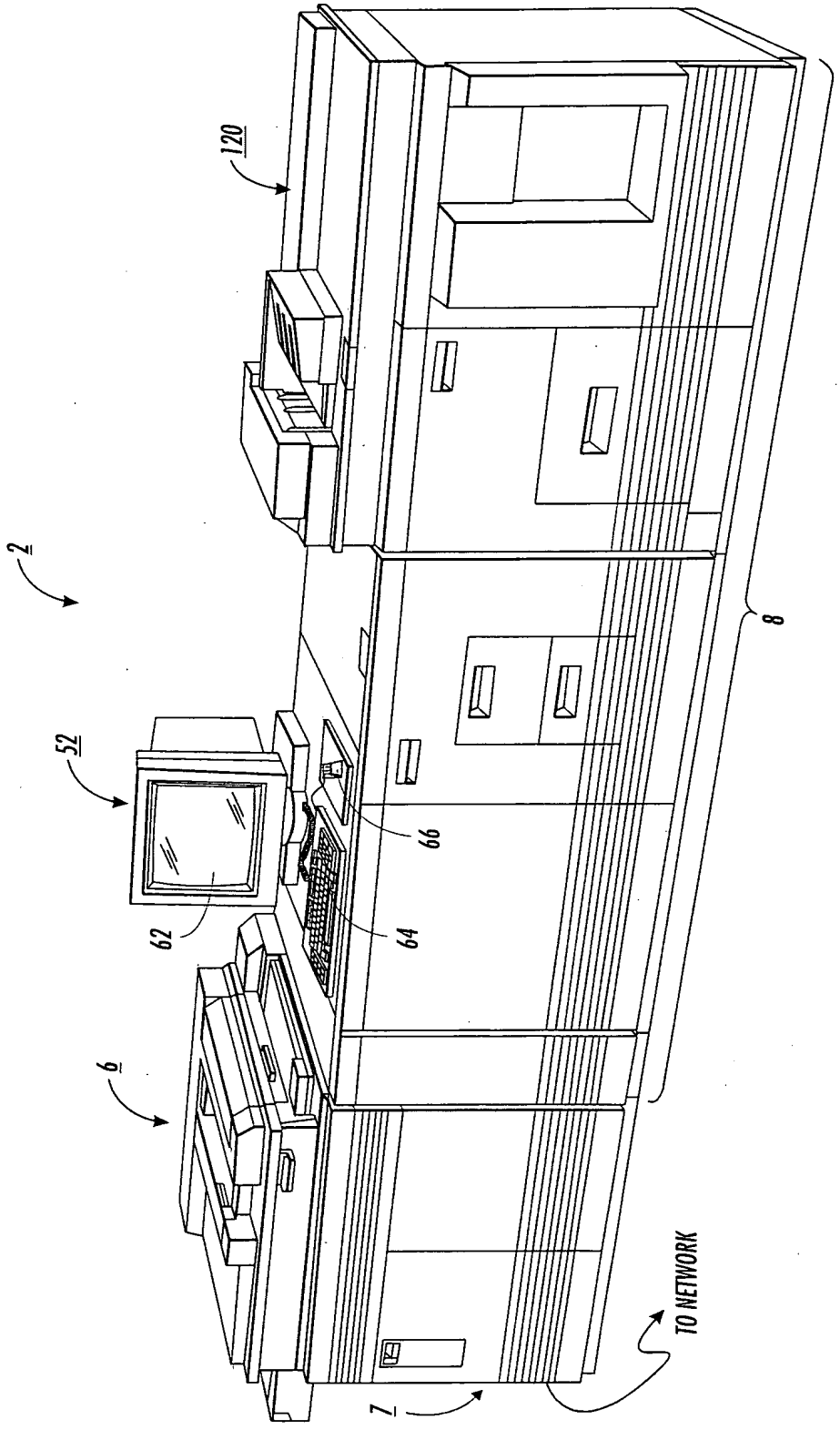

FIG. 5

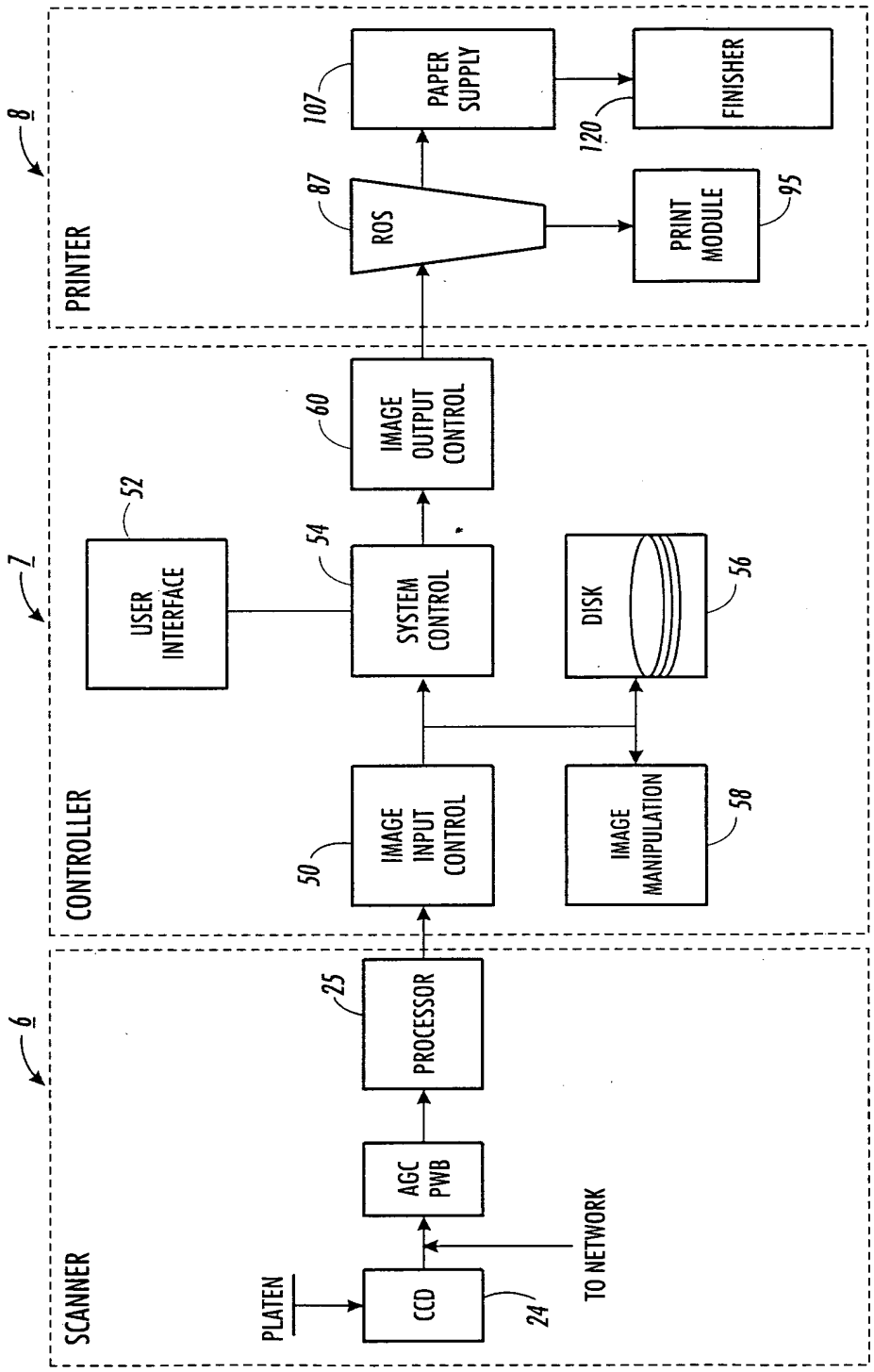
8
PRINTER
107
PAPER SUPPLY
FINISHER
120
87
ROS
PRINT MODULE
95
7
CONTROLLER
60
IMAGE OUTPUT CONTROL
52
USER INTERFACE
54
SYSTEM CONTROL
DISK
56
50
IMAGE INPUT CONTROL
IMAGE MANIPULATION
58
6
SCANNER
25
PROCESSOR
AGC PWB
PLATEN
CCD
24
TO NETWORK

FIG. 6

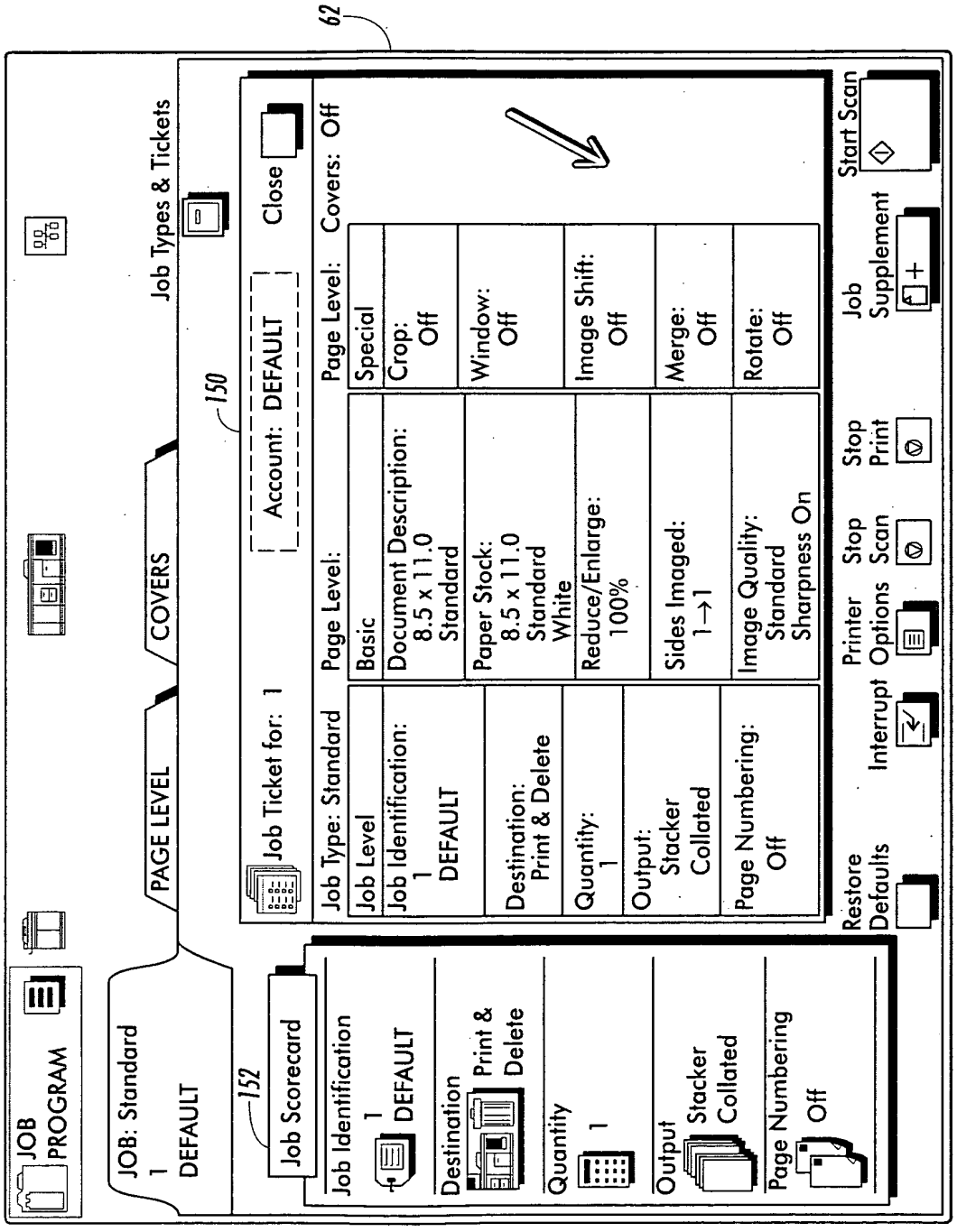
62
JOB PROGRAM
JOB: Standard
1
DEFAULT
PAGE LEVEL
COVERS
Job Types & Tickets
150
Job Ticket for: 1
Account: DEFAULT
Close
152
Job Scorecard
Job Identification
1
DEFAULT
Destination
Print & Delete
Quantity
1
Output
Stacker
Collated
Page Numbering
Off
Job Type: Standard
Page Level:
Page Level:
Covers: Off
Job Level
Basic
Special
Job Identification:
1
DEFAULT
Document Description:
8.5 x 11.0
Standard
Crop:
Off
Destination:
Print & Delete
Paper Stock:
8.5 x 11.0
Standard
White
Window:
Off
Quantity:
1
Reduce/Enlarge:
100%
Image Shift:
Off
Output:
Stacker
Collated
Sides Imaged:
1→1
Merge:
Off
Page Numbering:
Off
Image Quality:
Standard
Sharpness On
Rotate:
Off
Restore Defaults
Interrupt
Printer Options
Stop Scan
Stop Print
Job Supplement
Start Scan

FIG. 7

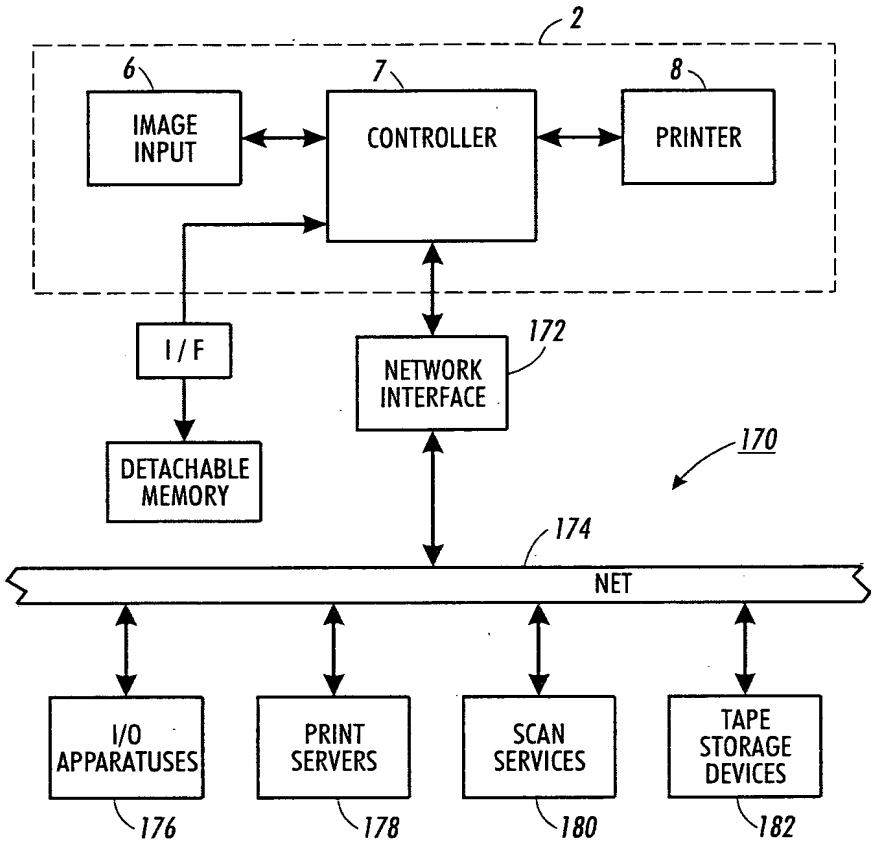
2
6
7
8
IMAGE INPUT
CONTROLLER
PRINTER
I/F
NETWORK INTERFACE
172
DETACHABLE MEMORY
170
174
NET
I/O APPARATUSES
PRINT SERVERS
SCAN SERVICES
TAPE STORAGE DEVICES
176
178
180
182

FIG. 8